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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE | | | | ATTY. DOCKET NO 30-4397 DIV-1 | | SERIAL NO 10/631,321 | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | APPLICANT CHARLES EDWARD BOWERS | | | | |
| (Use several sheets if necessary) | | | | FILING DATE July 31, 2003 | | GROUP 3765 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | AA | 4,147,508 | 4/3/79 | PERRIG | 8 | 488 | | |
| | AB | 4,668,552 | 5/26/87 | SCOTT | 428 | 92 | | |
| | AC | 5,141,780 | 8/25/92 | HACKLER, ET AL. | 427 | 389.9 | | |
| | AD | 5,478,624 | 12/26/95 | LOFQUIST | 428 | 97 | | |
| | AE | 5,567,256 | 10/22/96 | QUEEN, ET AL. | 156 | 72 | | |
| | AF | 5,910,361 | 6/8/99 | GUEVEL, ET AL. | 428 | 364 | | |
| | AG | 6,132,868 | 10/17/00 | DEAN, ET AL. | 428 | 364 | | |
| | AH | 6,218,009 | 4/17/01 | ISAI, ET AL. | 428 | 373 | | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | | | | | | TRANSLATION | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| | AL | JP 2300340 | 12/12/1990 | JAPAN | | | x | |
| | AM | | | | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |
| OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | |
| | AQ | | | | | | | |
| | AR | | | | | | | |
| | AS | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |